Wood products, green resins and chemicals

a new wave of doing things

Public hybrid event & Show

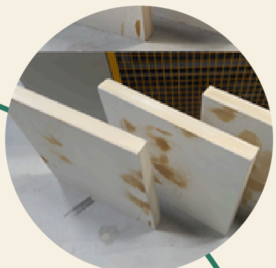
4th March 2026

Izola (Slovenia) and online

UP IAM's building, Livade 6a

Build the future, naturally: discover wood products that swap hazardous chemicals for bio-based brilliance

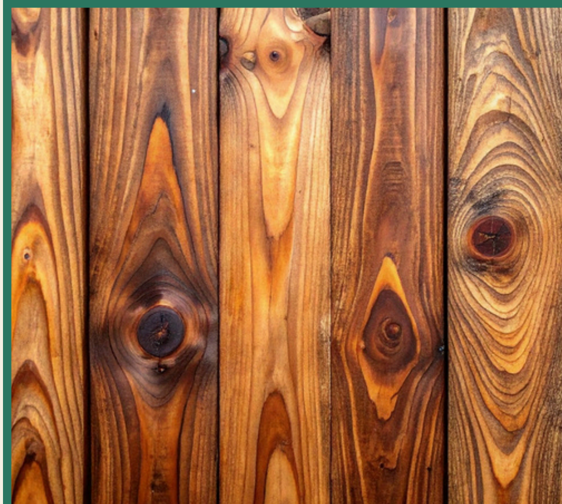
See how **residual biomass** is being transformed into the building blocks of tomorrow.



Unlocking the power of Pyrolysis: witness the tech turning leftover biomass into high-value green chemicals

Initiative of the Horizon Europe Project

NewWave



Agenda

Link to register

on site participation-register by **20.02.26**
online participation-register by **28.02.26**

8:45-9:15 - Arrival

9:15-9:30 Welcome and keynote - Unlocking Biomass through Fast Pyrolysis

Overview of the thermo-chemical fractionation (TCF) process that transforms residual sawdust into Fast Pyrolysis Bio-Oil (FPBO), creating the sugar and lignin building blocks for all subsequent products.

Speaker: Biomass Technology Group

9:30-10:15 Sustainable Materials for the Modern Construction Sector

- **Engineered Wood Panels (Plywood and MDF)**

Creating sustainable panels for interior and structural use by replacing traditional, hazardous adhesives with bio-based resins.

Speaker: FORESA technologies

- **Modified wood products for outdoor applications**

A new class of modified wood intended for outdoor applications (cladding and decking) to serve as an environmentally friendly alternative to steel, concrete, or chemically treated wood.

Speaker: FORECO and INNORENEW

10:15-10:30 Coffee break

10:30 -11:00 Innovative green chemicals

Tests and results with polyols, fast pyrolysis bio-oil, hydrogenated furans

Speaker: AEP Polymers & TFC

11:00-11:30 Open discussion and Q&A

11:30-12:00 Visit to the demo structure and products showcase

12:00-13:00 Lunch

NewWave partners

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